

CLAIMS

What is claimed:

1. A method of providing information to a participant in a conference call in which a plurality of participants are connected by a plurality of lines and a switch, comprising:

5 using a server computer, transmitting the identity of a participant who is currently speaking to a telephone display unit.

2. The method of claim 1 further comprising:

10 using the server computer, accessing an incoming line file corresponding to a line having a greatest amplitude.

3. The method of claim 1 further comprising:

15 using the server computer, determining a speaker's identity by accessing a participant file linked to a line information file for the line having a greatest amplitude.

4. The method of claim 1 further comprising:

displaying a speaker's identity on a telephone display unit.

5. The method of claim 1 further comprising:

20 obtaining information by operator input.

6. The method of claim 1 further comprising:

assigning conference call identification numbers.

7. The method of claim 1 further comprising:

transmitting a roster information from the server computer to the telephone display unit
5 over the network.

8. The method of claim 1 further comprising:

transmitting a speaker change from the server computer to the telephone display unit.

10. The method of claim 1 further comprising:

using an amplitude acquisition program in the memory of the server computer,
determining whether there is an incoming line with an amplitude greater than a threshold
amplitude; and

responsive to a determination that there is an incoming line with an amplitude greater
15 than a threshold amplitude, storing the amplitude for the incoming line.

10. The method of claim 1 further comprising:

using the server computer, averaging a plurality of amplitude samples for each incoming
line with an amplitude data; and

20 storing an average amplitude for each line with an amplitude data in a field of an
incoming line file.

11. The method of claim 1 further comprising:

using the participant computer, displaying a roster information on the telephone display unit.

5 12. The method of claim 1 further comprising:

scrolling information on a telephone display unit.

13. An apparatus for providing information to a participant in a conference call in which a plurality of participants are connected by a plurality of lines and a switch, comprising:

10 a server computer;

a first storage medium in the server computer;

a program residing in the first storage medium;

a telephone display unit connected to a participant's telephone line;

a switch connected to a plurality of lines and to the server computer;

15 wherein the program causes the server computer to:

display information on the telephone display unit.

14. The apparatus of claim 13 wherein the storage medium further comprises a conference call list file.

20 15. The apparatus of claim 13 wherein the storage medium further comprises a participant list file.

16. The apparatus of claim 13 wherein the storage medium further comprises a conference call list file.

5 17. The apparatus of claim 13 wherein the storage medium further comprises a conference call information file.

10 18. The apparatus of claim 13 wherein the storage medium further comprises an incoming line list file.

15 19. The apparatus of claim 13 wherein the storage medium further comprises an incoming line information file.

20 20. The apparatus of claim 13 wherein the program identifies the conference call participant who is speaking by determining a conference call line with the greatest amplitude.

21. The apparatus of claim 13 wherein the network is the Internet.

22. A computer readable memory for causing a server computer to transmit information over a network to a telephone display unit comprising a roster information program.

23. The computer readable memory of claim 22 further comprising a telephone display unit program.

24. The computer readable memory of claim 22 further comprising a voice amplitude
5 acquisition program.

25. The computer readable memory of claim 22 wherein the amplitude acquisition program:
determines whether there is an incoming line with an amplitude greater than a threshold
amplitude; and

responsive to a determination that there is an incoming line with an amplitude greater
than a threshold amplitude, stores the amplitude for the incoming line.

26. The computer readable memory of claim 22 wherein the amplitude acquisition program:
averages a plurality of amplitude samples for each incoming line with an amplitude data;
15 and

stores an average amplitude for each line with an amplitude data in a field of an incoming
line file.

27. The computer readable medium of claim 22 further comprising a voice amplitude display
20 program.